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Substitute Form 1449/PTO		<b>Complete If Known</b>	
		Application Number	10/631,886
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
		Attorney Docket Number	254-094-CIP5/AK 146859
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
[Handwritten Initials]		US-6,919,626 B2	7/19/2005	Burns	
		US-6,914,324 B2	7/5/2005	Rapport, et al.	
		US-6,908,792 B2	6/21/2005	Bruce, et al.	
		US-6,884,653	4/26/2005	Larson	
		US-6,803,651	10/12/2004	Chiang	
		US-6,709,893	3/23/2004	Moden, et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>[Handwritten Signature]</i>	Date Considered	<i>[Handwritten Date: October 2, 2005]</i>
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*Paper No. 0805a*



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		Art Unit	2841
		Examiner Name	TBA
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JW		US-5,804,870	9/8/1998	Burns		
		US-5,801,439	9/1/1998	Fujisawa, et al.		
		US-5,789,815	8/4/1998	Tessier, et al.		
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	JW		US-5,361,228	11/1/1994	Adachi, et al.	
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Examiner Signature	<i>John B. Viginta</i>	Date Considered	October 20, 2005
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J.B.V.		US-5,252,855	10/12/1993	Ogawa, et al.	
		US-5,229,916	7/20/1993	Frankeny, et al.	
		US-5,214,307	5/25/1993	Davis	
		US-5,198,965	3/30/1993	Curtis, et al.	
		US-5,168,926	12/8/1992	Watson, et al.	
		US-5,159,535	10/27/1992	Desai, et al.	
		US-5,138,434	8/11/1992	Wood, et al.	
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		US-5,057,903	10/15/1991	Olla	
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	J.B.V.		US-2004/0000708 A1	1/1/2004	Rapport, et al.
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Examiner Signature	<i>John B. Vignati</i>	Date Considered	<i>October 2, 2005</i>
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		Art Unit	2841
		Examiner Name	TBA
Sheet 5 of 8	Attorney Docket Number	254-094-CIP5/AK 146859	

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BV		US-2003/0081392	5/1/2003	Cady, et al.	class	11/11
		US-2003/0045025	3/6/2003	Coyle, et al.	11/11	11/11
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		US-2002/0076919	6/20/2002	Peters, et al.	11/11	11/11
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		US-2001/0035572	11/1/2001	Isaak	11/11	11/11
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		US-6,833,984 B1	12/21/2004	Belgacem	11/11	11/11
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JW		US-6,452,826	9/17/2002	Kim, et al.	Class 1-11
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		US-5,219,794	6/15/1993	Satoh, et al.	1-11
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		US-4,839,717	6/13/1989	Phy, et al.	1-11
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	JW		US-4,722,691	2/2/1988	Gladd, et al.
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		US-3,411,122	11/12/1968	Schiller, et al.	1-11

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JPV		US-2005/0040508 A1	2/24/2005	Lee	Class
		US-2005/0035440 A1	2/17/2005	Mohammed	
		US-2004/0245617 A1	12/9/2004	Damberg, et al.	
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		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>John B. Vignone</i>	Date Considered	October 02, 2005
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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/631,886
		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
Sheet 8 of 8	Attorney Docket Number	254-094-CIP5/AK 146859	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[Signature]		US-5,995,370	11/30/1999	Nakamori	
		US-5,959,839	9/28/1999	Gates	
		US-5,899,705	5/4/1999	Akram	
		US-5,751,553	5/12/1998	Clayton	
		US-5,594,275	1/14/1997	Kwon, et al.	
		US-5,448,511	9/5/1995	Paurus, et al.	
		US-5,397,916	3/14/1995	Normington	
		US-5,276,418	1/4/1994	Klosowiak, et al.	
		US-5,117,282	5/26/1992	Salatino	
		US-3,766,439	10/16/1973	Isaacson	
		US-2005/0133897 A1	6/23/2005	Baek, et al.	
		US-2005/0018495 A1	1/27/2005	Bhakta, et al.	
		US-2004/0217461 A1	11/4/2004	Damberg	
		US-2004/0157352 A1	8/12/2004	Beroz, et al.	
		US-2004/0075991 A1	4/22/2004	Haba, et al.	
[Signature]		US-2004/0045159 A1	3/11/2004	DiStefano, et al.	
		US-2003/0049886 A1	3/13/2003	Salmon	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

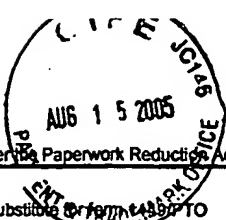
Examiner Signature	[Signature]	Date Considered	October 02, 2005
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Substitute Form 100 TO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

## Complete if Known

Application Number	10/631,886
Filing Date	July 11, 2003
First Named Inventor	James W. Cady, et al.
Art Unit	2841
Examiner Name	TBA
Attorney Docket Number	254-094-CIP5 / AK 146859

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BPV		WO 03/037053 A1	5/1/2003	Cady, et al.		
BPV		JP 63-153849 (A)	6/27/1998	Matsubara		
BPV		JP 62-230027 (A)	8/10/1987	Nakamura		
BPV		JP 4-209562 (A)	7/30/1992	Uzuka, et al.		
BPV		JP 04368167 (A)	12/21/1992	Omura		
BPV		JP 2003/347503 (A)	12/5/2003	Toshiyuki, et al.		

Examiner Signature	<i>John B. Vignatini</i>	Date Considered	<i>October 22, 2005</i>
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Sheet	2	of	3		

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
JAV JAV JAV JAV JAV JAV		JP 2003/347475 (A)	12/5/2003	Mitsuru		
		JP 2003/309247 (A)	10/31/2003	Mitsuru		
		JP 2000/307029 (A)	11/2/2000	Mitsuru		
		JP 60-254762 (A)	12/16/1985	Fujitsu		
		JP 5029534 (A)	2/5/1993	Nakamura		
		JP 2001/1047659 (A)	3/8/1986	Soga, et al.		

Examiner Signature	<i>John B. VanDine</i>	Date Considered	<i>October 02, 2005</i>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/631,886
		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
Sheet 3 of 3	Attorney Docket Number	254-094-CIP5 / AK 146859	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 59088863 (A)	5/22/1984	Shiragasawa, et al.		
		EP 0426-303 (A2)	10/1/1990	Legg, et al.		
		DE 004215467 A1	11/12/1992	Chun		
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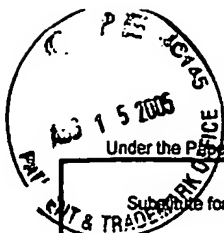
Examiner Signature	<i>John B. Vignata</i>	Date Considered	<i>October 2, 2005</i>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/831,886
		Filing Date	July 11, 2003
		First Named Inventor	James W. Cady, et al.
		Art Unit	2841
		Examiner Name	TBA
		Attorney Docket Number	254-094-CIP5 / AK 146859
Sheet	1	of	1

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BV		Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ' - Ball Stacked Memory, Published on the Internet.	
BV		Ron Bauer, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Volume 3, Spring 2002. Published on the Internet.	
BV		1992 Proceedings, 42nd Electronic Components & Technology Conference, May 18-20, 1992	
BV		Research Disclosure, Organic Card Device Carrier, 31318, May 1990, No. 313	
BV		IBM Technical Disclosure Bulletin, Vol. 23, No. 12, May 1981	
BV		IBM Technical Disclosure Bulletin, Vol. 20, No. 11A, Apr. 1978	
BV		IBM Technical Disclosure Bulletin, vol. 32, No. 3B, Aug. 1989	
BV		Orthogonal Chip Mount - A 3D Hybrid Wafer Scale Integration Technology, International Electron Device Meeting, IEDM Technical Digest, Washington, D.C., Dec. 6-9, 1987	

Examiner Signature	<i>John B. Vignati</i>	Date Considered	<i>October 1, 2005</i>
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Form PTO-1449 (Modified)  
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SERIAL NO.

254-094-CIP5

10/631,886

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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APPLICANT

James W. Cady, et al.

FILING DATE

July 11, 2003

GROUP

2841

(37 CFR 1.98(b))

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BRV	US 5,117,282	05/26/1992	Salatino	357	81	10/29/1990
	US 5,448,511	09/05/1995	Paurus, et al.	365	52	06/01/1994
	US 5,642,055	06/24/1997	Difrancesco	324	757	05/12/1995
	US 5,917,709	06/29/1999	Johnson, et al.	361	803	06/12/1997
	US 6,121,676	09/19/2000	Solberg	257	686	12/11/1997
	US 6,222,737 B1	04/24/2001	Ross	361	767	04/23/1999
	US 6,360,433 B1	03/26/2003	Ross	29	840	09/19/2000

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BRV	2003309246(A)	10/31/2003	Japan			Partial	
BRV	2003086761(A)	03/20/2003	Japan			Partial	
BRV	2003086760(A)	03/20/2003	Japan			Partial	
BRV	2003037246(A)	02/07/2003	Japan			Partial	
BRV	2001332683(A)	11/30/2001	Japan			Partial	
BRV	2001085592(A)	03/30/2001	Japan			Partial	
BRV	2001077294(A)	03/23/2001	Japan			Partial	

**OTHER DOCUMENTS**

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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DATE CONSIDERED

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Paper No. 0105

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Patent and Trademark Office**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

SERIAL NO.

254-094-CIP5

10/631,886

APPLICANT

James W. Cady, et al.

FILING DATE

July 11, 2003

GROUP

2841

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
BRV	US 6,376,769 B1	04/23/2002	Chung	174	522	03/14/2000
	US 6,552,910 B1	04/22/2003	Moon, et al.	361	749	06/28/2000
	US 6,627,984 B2	09/30/2003	Bruce, et al.	257	686	07/24/2001
	US 6,660,561 B2	12/09/2003	Forthun	438	109	07/24/2002
	US 6,677,670 B2	01/13/2004	Kondo	257	686	04/25/2001
	2004/0150107 A1	08/05/2004	Cha et al.	257	738	12/29/2003
	2004/0021211 A1	02/05/2004	Damberg	257	282	09/06/2002
	2003/0168725 A1	09/11/2003	Warner et al.	257	686	10/28/2002
BRV	2001/0040793 A1	10/15/2001	Inaba	361	749	01/31/2001

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

**OTHER DOCUMENTS**

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


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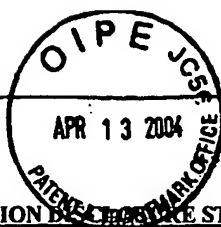
*John B. Vignati*

DATE CONSIDERED

*October 22, 2005*

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Patent and Trademark Office

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SERIAL NO.

0254-094-CIP-5

10/631,886

**INFORMATION REQUIRED BY APPLICANT**

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APPLICANT

Cady, et al

FILING DATE

7/14/03

GROUP

2818

(37 CFR 1.98(b))

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
J.V.	5,428,190	6/27/1995	Stopperan	174/261		7/2/1993
	6,097,087	8/1/2000	Farnworth, Warren M. et al	257/698		10/31/1997
	6,323,060B1	11/27/2001	Isaak	438/109		5/5/1999
	6,351,029B1	2/26/2002	Isaak	257/688		5/19/2000
	6,368,896B2	4/9/2002	Farnworth, Warren M. et al	438/113		4/23/1999
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Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No

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EXAMINER	<i>John B. Uyachin</i>	DATE CONSIDERED	<i>October 02, 2005</i>
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10/631,886

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	5,239,198	8/24/1993	Lin et al.	257/693		7/2/1992
	6,028,365	2/22/2000	Akram et al.	257/778		3/30/1998
	6,433,418	8/13/2002	Fujisawa et al.	257/696		4/29/1999
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						Yes	No
BV	5-21697(A)	01/1993	Japan			Partial	
BV	57-31166(A)	02/19/1982	Japan			Partial	
BV	58-96756(A)	06/08/1983	Japan			Partial	
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BV	60-254762	12/1985	Japan			Partial	
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BV	Dense-Pac Microsystems, 16 Megabit High Speed CMOS SRAM DPS1MX16MKn3
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BV	Dense-Pac Microsystems, DPS512X16A3, Ceramic 512K X 16 CMOS SRAM Module
	"Design Techniques for Ball Grid Arrays," William R. Newberry, Xynetix Design Systems, Inc.
	"Chip Scale Packaging and Redistribution," Paul A. Magill, Glenn A. Rinne, J. Daniel Mis, Wayne C. Machon, Joseph W. Baggs, Unitive Electronics Inc.

EXAMINER

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BV	EP 461-639-A	12/1991	European			X	
BV	EP 0 298 211 A#	01/11/1989	European			X	
BV	EP 122-687-A	10/24/1984	European			X	
BV	SU 834-957	05/30/1981	Russian			Partial	

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	IBM Preliminary 168 Pin SDRAM Registered DIMM Functional Description & Timing Diagrams
BV	"3D Interconnection for Ultra-Dense Multichip Modules," Christian VAL, Thomson-CSF DCS Computer Division, Thierry Lemoine, Thomson-CSF RCM Radar Countermeasures Division
	"High Density Memory Packaging Technology High Speed Imaging Applications," Dean Frew, Texas Instruments Incorporated
	Teresa Technologies, Inc. - Semiconductor Intellectual Property, Chip Scale Packaging - Website pages (3)
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EXAMINER

John B. Vignone

DATE CONSIDERED

October 02, 2005

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	4,437,235	03/20/1984	McIver	29/840		089/23/1982
<i>BJ</i>	4,513,368	04/23/1985	Houseman	364/200		05/22/1981
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	Flexible Thinking: Examining the Flexible Circuit Tapes. (Website 2 pages) Fjelstad, Joseph.
<i>BJ</i>	Die Products: Ideal IC Packaging for Demanding Applications - Advanced packaging that's no bigger than the die itself brings together high performance and high reliability with small size and low cost. (Website 3 pages with 2 figures) Larry Gilg and Chris Windsor. December 23, 2002.
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*John B. Vignichia*

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*October 22, 2005*

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	4,953,060	08/28/1990	Lauffer, et al	361/388		05/05/1989
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	5,099,393	03/24/1992	Bentlage, et al	361/413		03/25/1991
	5,104,820	04/14/1992	Go, deceased, et al	437/51		06/24/1991
	5,138,430	08/11/1992	Gow, 3 <sup>rd</sup> , et al	357/70		06/06/1991
	5,159,434	10/27/1992	Kohno, et al	357/80		02/01/1991
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	5,259,770	11/09/1993	Bates, et al	439/66		03/19/1992
	5,261,068	11/09/1993	Gaskins, et al.	395/425		05/25/1990
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	5,375,041	12/20/1994	McMahon	361/749		12/02/1992
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	5,394,010	02/28/1995	Tazawa, et al	257/686		03/12/1992
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	5,592,364	01/07/1997	Roane	361/735		01/24/1995
	5,612,570	03/18/1997	Eide, et al	257/686		04/13/1995
	5,631,193	05/20/1997	Burns	29/827		06/30/1995
	5,644,161	07/01/1997	Burns	257/668		06/07/1995
	5,654,877	08/05/1997	Burns	361/713		08/18/1995
	5,776,797	07/07/1998	Nicewarner, Jr., et al	438/107		07/02/1997
	5,801,437	09/01/1998	Burns	257/685		08/11/1995
	5,805,422	09/08/1998	Otake, et al	361/749		08/15/1997
	5,835,988	11/10/1998	Ishii	257/684		10/24/1996
	5,869,353	02/09/1999	Levy, et al	438/109		11/17/1997
<i>BJ</i>	5,926,369	07/20/1999	Ingraham, et al	361/699		01/22/1998
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	6,233,650B1	05/15/2001	Johnson et al.	711/5		04/01/1998
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	6,281,577B1	08/28/2001	Oppermann et al.	257/724		04/22/1997
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